Rethinking Achievement Patterns in STEM:

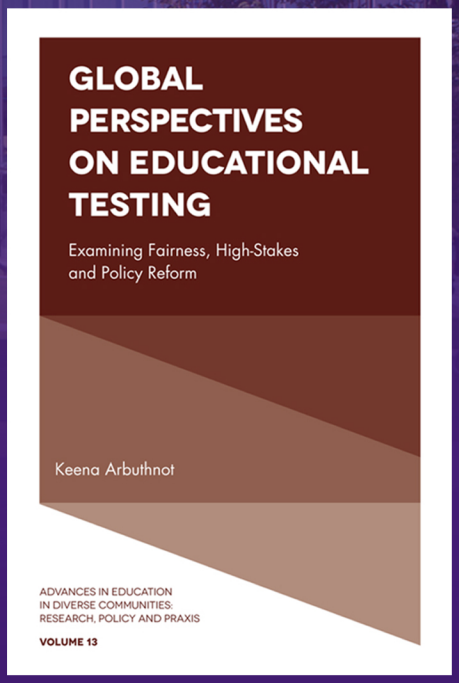
Understanding Performance and Fairness Issues Related to Standardized Tests

Presented By: Dr. Keena Arbuthnot

Associate Professor of Education, Louisiana State University

Lecture Overview:

Dr. Arbuthnot will present a lecture on her new book Global Perspectives on Educational Testing: Examining Fairness, High-Stakes and Policy Reform. This book takes an in-depth look at standardized test performance and student achievement in STEM. Dr. Arbuthnot will challenge the audience to think more broadly about fairness issues related to standardized tests domestically and abroad.



Dr. Arbuthnot will provide details about The Arbuthnot Assessment Fairness Framework (TAAF). The TAAF Framework was developed as a method to evaluate differential performance patterns between test takers. Additionally, Dr. Arbuthnot will show how utilizing the TAAF Framework can be instrumental in helping policy makers and practitioners better understand the way in which test takers from different groups perform on standardized tests.

Tuesday April 10, 2018

6:00 PM UNTIL 7:30 PM

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Bio:

Dr. Keena Arbuthnot received her Ph. D. in Educational Psychology from University of Illinois Urbana Champaign and has expertise in Psychometrics, Statistics and Program Evaluation. Dr. Keena Arbuthnot began her academic career as a Lecturer on Education and Postdoctoral Fellow at Harvard University. She is currently an Associate Professor of Education at Louisiana State University in the College of Human Sciences and Education. Dr. Arbuthnot is a former K-12 mathematics teacher who has focused her academic career on examining issues related to the achievement gap, test fairness and STEM achievement.

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